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Sub 1

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- 1 8. The pointing device of claim 1, wherein the plurality of sensors comprises  
2 pressure sensors.
- 1 9. The pointing device of claim 1, wherein the plurality of sensors comprises  
2 rocker switches.
- 1 10. The pointing device of claim 1, wherein the plurality of sensors comprises  
2 capacitance proximity sensors.
- 1 11. The pointing device of claim 1, wherein the plurality of sensors comprises  
2 inductive proximity sensors.
- 1 12. The pointing device of claim 6, wherein the transmitter comprises an infrared  
2 transmitter to transmit light pulses encoding the movement information.
- 1 13. A method for moving a pointer on a display, comprising:  
2 detecting activation of one of a plurality of sensors arranged in a substantially  
3 circular pattern on a sensor unit, wherein the sensor unit is mounted on a ring; and  
4 creating position information for the pointer based on which one of the  
5 plurality of sensors was activated.
- 1 14. The method of claim 13, wherein the ring is of a size capable of being worn  
2 on a human finger.
- 1 15. The method of claim 13, wherein the sensor unit is capable of being operated  
2 by a human thumb.

- 1 16. The method of claim 13, further comprising:  
2 transmitting the position information.
- 1 17. The method of claim 13, wherein the position information contains relative  
2 position information regarding the pointer on the display.
- 1 18. A computer system, comprising:  
2 a receiver; and  
3 a pointing device, comprising:  
4 a ring,  
5 a sensor unit mounted to the ring, wherein the sensor unit  
6 comprises a plurality of sensors in a substantially circular pattern,  
7 a controller mounted on the ring, wherein the controller is  
8 coupled to the sensor unit, and  
9 a transmitter mounted to the ring, wherein the transmitter is  
10 coupled to the controller, and wherein the controller is to translate a  
11 signal from the sensor unit into movement information, and wherein  
12 the transmitter is to transmit the movement information to the  
13 receiver.
- 1 19. The computer system of claim 18, wherein the ring is of a size that is capable  
2 of being worn on a human finger.
- 1 20. The computer system of claim 18, further comprising:  
2 at least one selection button mounted on the ring.
- 1 21. The computer system of claim 18, wherein the movement information  
2 contains relative position information regarding a pointer on a display.

1    22.    The computer system of claim 18, wherein the plurality of sensors comprises  
2           pressure sensors.

1 23. The computer system of claim 18, wherein the plurality of sensors comprises  
2 rocker switches.

1    24.    The computer system of claim 18, wherein the plurality of sensors comprises  
2    capacitance proximity sensors.

1    25.    The computer system of claim 18, wherein the plurality of sensors comprises  
2    inductive proximity sensors.

1     26.     The computer system of claim 18, wherein the transmitter comprises an  
2     infrared transmitter that transmits light pulses containing the movement  
3     information.

1 27. A program product comprising signal-bearing media bearing instructions,  
2 which when read and executed by a processor comprise:  
3 detecting activation of one of a plurality of sensors arranged in a substantially  
4 circular pattern on a sensor unit, wherein the sensor unit is mounted on a ring; and  
5 creating position information for a pointer on a display based on which one of  
6 the plurality of sensors was activated.

1    28.    The program product of claim 27, wherein the ring is of a size capable of  
2    being worn on a human finger.

1    29.    The program product of claim 27, further comprising:  
2           transmitting the position information from an infrared transmitter.

